

ARKANSAS

Science and Engineering Profile

	AR	U.S.	Rank		AR	U.S.	Rank
Doctoral scientists, 1995	2,115	453,928	40	Total R&D performance, 1995 (millions)	\$330	\$177,210	44
Doctoral engineers, 1995	263	86,738	45	Industry R&D, 1995 (millions)	\$181	\$130,332	42
S&E doctorates awarded, 1996	65	27,230	42	Academic R&D, 1995 (millions)	\$88	\$21,606	39
of which, in life sciences	48%	25%		of which, in life sciences	75%	55%	
in engineering	23%	23%		in engineering	12%	16%	
in physical sciences	14%	14%		in physical sciences	5%	10%	
S&E postdoctorates, 1995	80	35,379	39	Higher education current-fund expenditures, 1995 (millions)	\$1,211	\$182,602	37
in doctorate-granting institutions							
S&E graduate students, 1995	1,681	436,328	43	Number of SBIR awards, 1990-1996	17	26,399	47
in doctorate-granting institutions				Patents issued to state residents, 1996	114	61,099	42
Population, 1996 (000s)	2,510	269,067	34	Gross state product, 1994 (billions)	\$50.6	\$6,876.0	32
Civilian labor force, 1996 (000s)	1,234	135,528	34	of which, agriculture	5%	2%	
Personal income per capita, 1996	\$18,928	\$24,231	48	manufacturing, mining, construction	29%	23%	
Federal spending				transportation, communication, utilities	12%	9%	
Total expenditures, 1996 (millions)	\$12,076	\$1,368,858	34	wholesale and retail trade	16%	16%	
R&D obligations, 1995 (millions)	\$98	\$67,080	41	finance, insurance, real estate services	11%	19%	
				government	14%	20%	
					12%	13%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in Arkansas by Agency and Performer: Fiscal Year 1995

[Thousands of Dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	97,724	57,563	0	3,016	32,766	3,138	1,241	41
Department of Agriculture	16,276	6,126	0	480	9,553	83	34	30
Department of Commerce	23	0	0	23	0	0	0	51
Department of Defense	4,192	1,929	0	602	1,661	0	0	48
Department of Energy	72	0	0	0	72	0	0	51
Dept. of Health & Human Services	66,972	45,858	0	847	16,899	3,035	333	30
Department of the Interior	3,763	3,650	0	0	113	0	0	34
Department of Transportation	1,205	0	0	319	12	0	874	44
Environmental Protection Agency	692	0	0	442	230	20	0	40
Nat'l Aeronautics & Space Admin.	1,667	0	0	293	1,374	0	0	45
National Science Foundation	2,862	0	0	10	2,852	0	0	52
State rank	41	29	na	48	42	37	45	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable